

said control circuit responds to said warning signal by preventing movement of said ram to prevent air from being injected into said subject.

3 40. The injector of claim 33, further comprising:
a hand-operated movement control comprising a lever movable between a home position and forward and reverse positions,

said control circuit responding to movement of said lever to a forward position by moving said plunger drive ram into said syringe to expel fluid from the syringe, said control circuit responding to movement of said lever to a reverse position by moving said plunger drive ram out of said syringe to draw fluid into the syringe.

B1 41. The injector of claim 33, further comprising:
an electronic display displaying information regarding the activities and state of operation of said injector, said display capable of displaying information in at least a first and a second orientation,

a tilt sensor generating a tilt angle signal indicative of an angle of tilt of said injector relative to the direction of Earth gravitation, and wherein

said control circuit is further connected to said display, and generates display information and delivers said display information to said display,

wherein said display is responsive to said tilt angle signal to display said display information in said first orientation in response to a first range of values of said tilt

angle signal, and to display said display information in said second orientation in response to a second range of values of said tilt angle signal.

5/ 42. The injector of claim 33, further comprising:
a tilt sensor generating a tilt angle signal indicative of an angle of tilt of said injector relative to the direction of Earth gravitation, wherein

said control circuit being responsive to said tilt angle signal to determine a speed of motion of said motor.

6/ 43. The injector of claim 33, further comprising:
a hand-operated movement control for generating a movement request signal indicating movements of said plunger drive ram desired by an operator,

B 1
an encoder connected to said motor for generating a motion signal indicative of motion of said plunger drive ram,

wherein said motor control circuit is connected to said hand-operated movement control and said encoder, said motor control circuit being responsive to said movement request signal to instruct said motor to move said plunger drive ram, said motor control circuit further generating a state signal indicating a state of operation of said motor control circuit for delivery through a monitor interface of said motor control circuit, said state signal indicating at least whether said motor control circuit is responding to said movement request signal by moving said motor,

a motor monitor circuit connected to said hand-operated movement control, said encoder, and said monitor interface of